Fig. 1
Prior Art

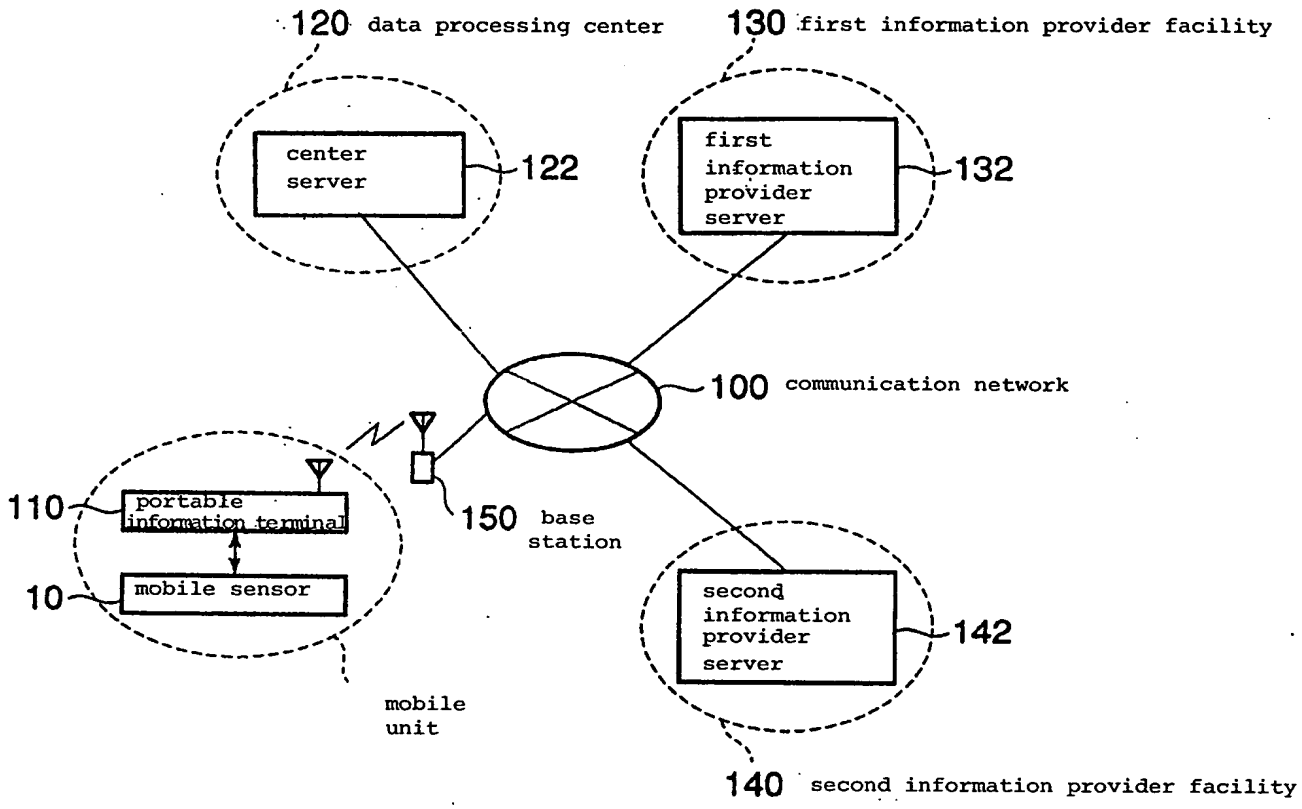


Fig. 2

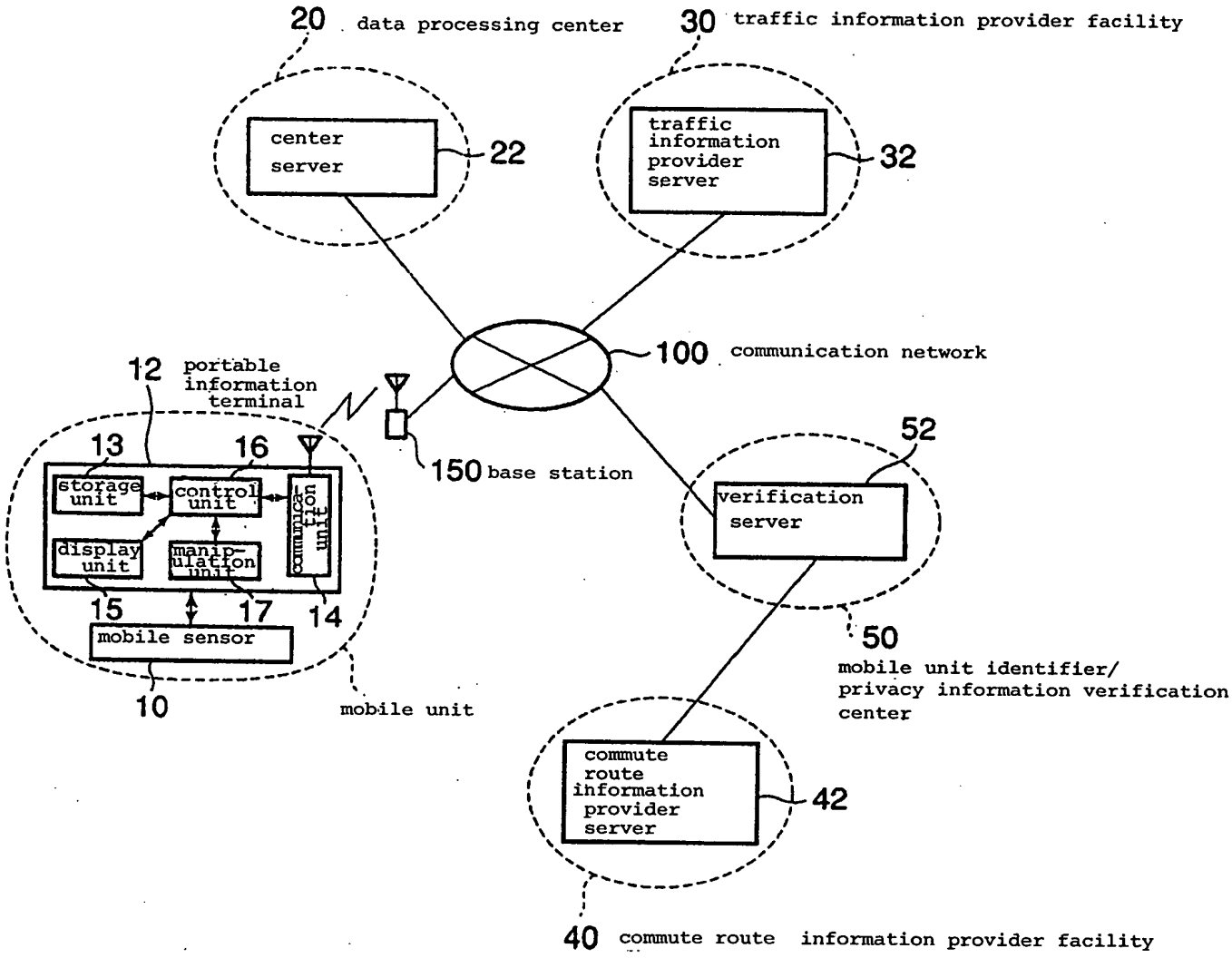
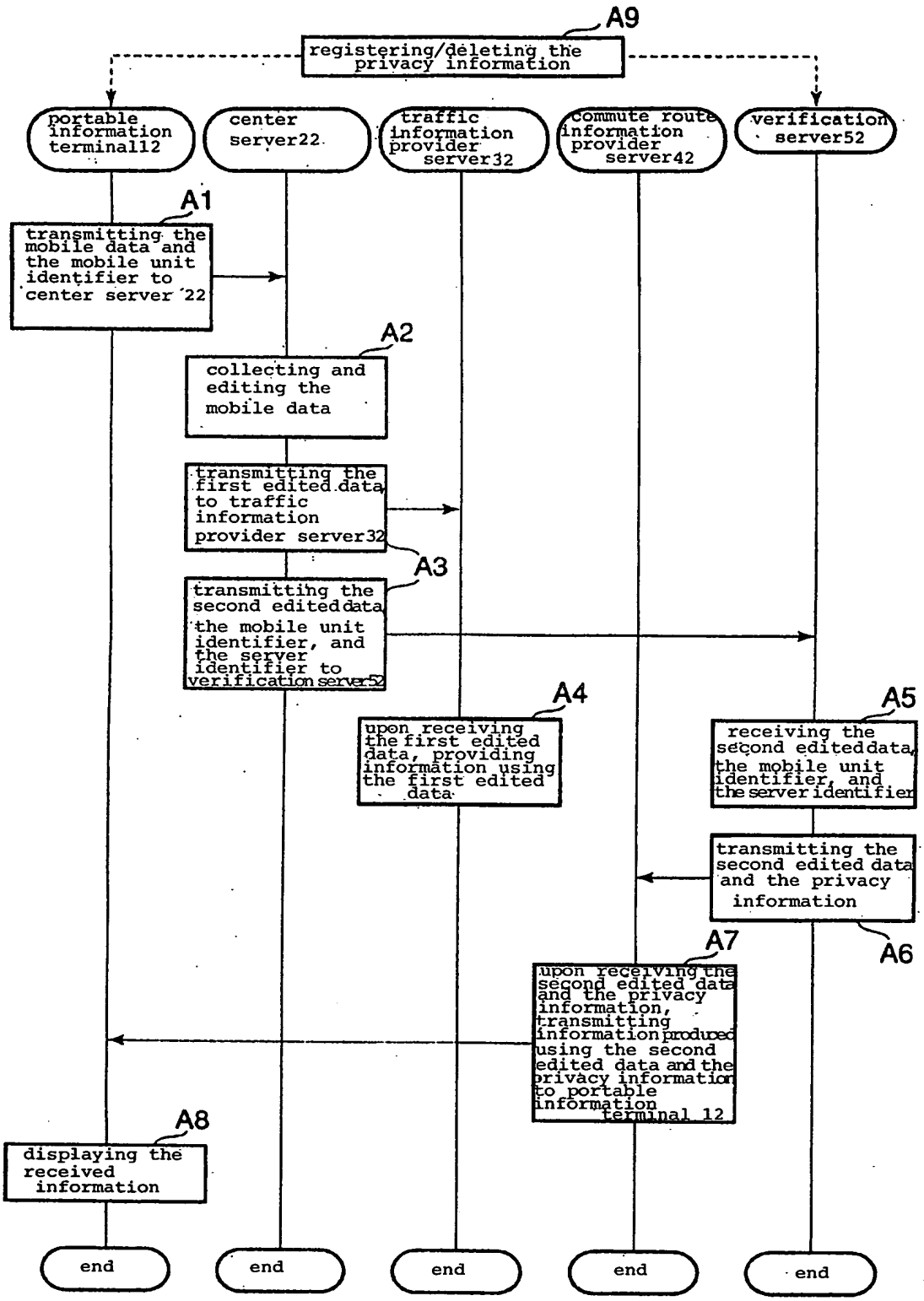

20 data processing center
30 traffic information provider facility
center server
22
traffic information provider server
32
100 communication network
12 portable information terminal
13
16
storage unit
control unit
communication unit
display unit
manipulation unit
15
17
14
mobile sensor
10
mobile unit
150 base station
52
verification server
50
mobile unit identifier/ privacy information verification center
commute route information provider server
42
40 commute route information provider facility

Fig. 3


A9
registering/deleting the privacy information
portable information terminal12
center server22
traffic information provider server32
commute route information provider server42
verification server52
A1
transmitting the mobile data and the mobile unit identifier to center server 22
A2
collecting and editing the mobile data
transmitting the first edited data to traffic information provider server32
A3
transmitting the second edited data, the mobile unit identifier, and the server identifier to verification server52
A4
upon receiving the first edited data, providing information using the first edited data
A5
receiving the second edited data, the mobile unit identifier, and the server identifier
transmitting the second edited data and the privacy information
A6
A7
upon receiving the second edited data and the privacy information, transmitting information produced using the second edited data and the privacy information to portable information terminal 12
A8
displaying the received information
end
end
end
end
end